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PTO/SB/17 (12-04v2)

Approved for use through 7/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). FEE TRANSMITTAL For FY 2005		Complete if Known	
		Application Number	10/645,312-Conf. #7622
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Filing Date	August 20, 2003
TOTAL AMOUNT OF PAYMENT (\$) 3,860.00		First Named Inventor	Taeyoung Yoon
		Examiner Name	Z. C. Tucker
		Art Unit	1624
		Attorney Docket No.	58288(72021)

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____

☒ Deposit Account Deposit Account Number: 04-1105 Deposit Account Name: Edwards Angell Palmer & Dodge LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims 134 - 26 = **Extra Claims** 108 x **Fee (\$)** 25.00 = **Fee Paid (\$)** 2,700.00

Multiple Dependent Claims

Fee (\$)	Fee Paid (\$)

Indep. Claims 2 - 3 = **Extra Claims** 0 x **Fee (\$)** = **Fee Paid (\$)**

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)

4. OTHER FEE(S)

	Fees Paid (\$)
Non-English Specification, \$130 fee (no small entity discount)	
Other (e.g., late filing surcharge): 1464 Petitions requiring the petition fee set forth in.....	130.00
8001 Printed copy of patent w/o color.....	30.00
2501 Utility issue fee	700.00
1504 Publication fee for early, voluntary, or normal ...	300.00

SUBMITTED BY			
Signature		Registration No. (Attorney/Agent)	48,399
Name (Print/Type)	John B. Alexander, Ph.D.	Telephone	(617) 439-4444
		Date	January 23, 2006

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 754861395 US, in an envelope addressed to: MS Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: January 23, 2006 Signature: (Bonnie S. Crespi)

**AMENDMENT TRANSMITTAL LETTER**Docket No.
58288(72021)Application No.
10/645,312-Conf. #7622Filing Date
August 20, 2003Examiner
Z. C. TuckerArt Unit
1624

Applicant(s): Taeyoung Yoon et al.

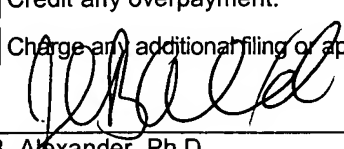
Invention: 5-SUBSTITUTED-2-ARYLPYRAZINES

TO THE COMMISSIONER FOR PATENTS

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	134	- 26 =	108	x 25.00	2,700.00
Independent Claims	3	- 3 =	0	x	
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify):					
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:					2,700.00

☐ Large Entity☒ Small Entity☐ No additional fee is required for this amendment.☒ Please charge Deposit Account No. 04-1105 in the amount of \$ 2,700.00.
A duplicate copy of this sheet is enclosed.☐ A check in the amount of \$ _____ to cover the filing fee is enclosed.☐ Payment by credit card. Form PTO-2038 is attached.☒ The Director is hereby authorized to charge and credit Deposit Account No. 04-1105
as described below. A duplicate copy of this sheet is enclosed.☒ Credit any overpayment.☒ Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.Dated: January 23, 2006
John B. Alexander, Ph.D.
Attorney Reg. No.: 48,399EDWARDS ANGELL PALMER & DODGE LLP
P.O. Box 55874
Boston, Massachusetts 02205
(617) 439-4444

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Dated: January 23, 2006

Signature:  (Bonnie S. Crespi)



Practitioner's Docket No. 58288 (72021)

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

[X] In re patent of: Taeyoung Yoon et al.

[X] Application No.: 10/645,312

[X] Filed: August 20, 2003

Title: 5-Substituted 2-Arylpyrazines

STATEMENT CLAIMING SMALL ENTITY STATUS
(37 CFR 1.9(f) and 1.27(b))—SMALL BUSINESS CONCERN

I hereby state that I am

- [] the owner of the small business concern identified below:
[] an official of the small business concern empowered to act on behalf of the concern identified below:
[X] registered attorney or agent identified below:

Name of Small Business Concern Neurogen Corporation.

Address of Small Business Concern 35 Northeast Industrial Road, Branford, CT 06405

I hereby state that the above identified small business concern qualifies as a small business concern, as defined in 13 CFR 121.12, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees to the United States Patent and Trademark Office under Sections 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third-party or parties controls or has the power to control both.

I hereby state that rights under contract or law have been conveyed to, and remain with, the small business concern identified above, with regard to the invention described in

- [] the specification filed herewith, with title as listed above.
[X] the application identified above.
[] the patent identified above.

If the rights held by the above-identified small business concern are not exclusive, each individual, concern or organization having rights in the invention is listed below* and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c), if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

NOTE: Separate statements are required from each named person, concern or organization having rights to the invention as to their status as small entities. (37 CFR 1.27)

Each such person, concern or organization having any rights in the invention is listed below:

☒ No such person, concern, or organization exists.

☐ Each such person, concern or organization is listed below.

FULL NAME _____

ADDRESS _____

☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

FULL NAME _____

ADDRESS _____

☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small business entity is no longer appropriate. (37 CFR 1.28(b))

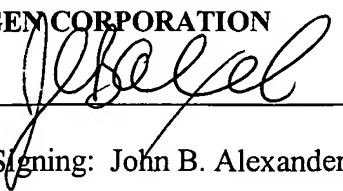
(check the following item, if desired)

NOTE: The following verification statement need not be made in accordance with the rules published on October 10, 1997, 62 Fed. Reg. 52131, effective December 1, 1997.

NOTE: "The presentation to the Office (whether by signing, filing, submitting, or later advocating) of any paper by a party, whether a practitioner or non-practitioner, constitutes a certification under § 10.18(b) of this chapter. Violations of § 10.18(b)(2) of this chapter by a party, whether a practitioner or non-practitioner, may result in the imposition of sanctions under § 10.18(c) of this chapter. Any practitioner violating § 10.18(b) may also be subject to disciplinary action. See §§ 10.18(d) and 10.23(c)(15)." 37 C.F.R. § 1.4(d)(2).

☒ I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NEUROGEN CORPORATION

SIGNATURE 

Date: January 23, 2006

Name of Person Signing: John B. Alexander, Ph.D. Registration No. 48,399



Application No. (if known): 10/645,312

Attorney Docket No.: 58288(72021)

Certificate of Express Mailing Under 37 CFR 1.10

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Alexandria, VA 22313-1450

on January 23, 2006
Date

Signature

Bonnie S. Crespi

Typed or printed name of person signing Certificate

Registration Number, if applicable

(617) 439-4444
Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Issue Fee Transmittal (1 page)
Fee Transmittal (1 page)
Amendment Transmittal (1 page)
Amendment Under 37 CFR 1.312 (25 pages)
Statement Claiming Small Entity Status (2 pages)
Amendment and Petition to Delete Correctly Named Original Person(s); 37 CFR 1.48(b) (3 pages)
Certificate of Express Mailing (1 page)
Charge \$3,860.00 to deposit account 04-1105